

MINING

RESIN BOLT

TYPE HEX36

DESCRIPTION

Resin bolts type HEX36 work with the washer to monitor rock mass behaviour.

Forged head lets use standard spanner with hexagonal seat. Forged heads can have also splines shape.

APPLICATION AND USE

Resin bolts type HEX36 are designed to be used for roof and ribs support in mine working areas as an independent or additional roof support system. They are also used to attach various components of mining equipment.

ADVANTAGES

- Simple construction
- Forged head of the bolt adjusted to the HEX36 standard



TECHNICAL DATA

BOLT DATA

Bolt type	Steel grade	Re min (MPa)	Rm min (MPa)	A5 min (MPa)	Capacity (kN)
16 HEX36	AP 600	400	600	19	130
20 HEX36	AP 600	400	600	19	190
21.7 HEX36	AP 770	640	770	18	300

WASHER DATA

Washer	Range of Height (kN)	Bolt release (kN)	Working range (kN)
100/130/5	50 ÷ 80	~ 120	110 ÷ 130
100/130/6	60 ÷ 90	~ 160	130 ÷ 190
150/150/8	140 ÷ 170	~ 230	210 ÷ 250

APPLICATION METHOD

The series and load capacity depend on the diameter of the rod.

PACKAGING AND TRANSPORTATION

As standard, anchor poles are packed in bundles of 10pcs or in bundles of 100-300 pcs.

The plates are stapled with 10pcs of wire.

Plates are placed in containers.

Acceptable different packaging form based on arrangements.

Elements of the bolts can be transported by any means of transport in bundles or in containers.

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